



**Lipids and Lipid Metabolism**  
(including Lipids in Signalling and Recognition)  
Vol. 1257, 1995

**BBA**  
*Biochimica  
et Biophysica Acta*

## Author Index

- Adlercreutz, P., see Ncube, I. (1257) 149  
Aikawa, K., see Sato, Y. (1257) 38  
Akino, T., see Hiraike, N. (1257) 214  
Alava, M.A., see Marzo, I. (1257) 140  
Anel, A., see Marzo, I. (1257) 140  
Arai, H., see Sato, Y. (1257) 38
- Banno, Y., see Mirbod, F. (1257) 181  
Barbieri, B., Papadogiannakis, N., Eneroth, P. and Olding, L.B.  
Arachidonic acid is a preferred acetyl donor among fatty acids in the acetylation of *p*-aminobenzoic acid by human lymphoid cells (1257) 157  
Barter, P.J., see Liang, H.-Q. (1257) 31  
Ben-Naim, M., see Stein, O. (1257) 174  
Bensalah, A., see Gargouri, Y. (1257) 223  
Boland, R., see De Boland, A.R. (1257) 274  
Boots, J.-W.P., see De Haas, G.H. (1257) 87  
Boyer, J., see Le Petit-Thevenin, J. (1257) 103  
Boyer, J., see Le Petit-Thevenin, J. (1257) 111  
Bruckdorfer, K.R., see Ettelaie, C. (1257) 25  
Burns, G.R., see Schmidt, M.F.G. (1257) 205  
Butterfield, J.H., see Macchia, L. (1257) 58
- Campbell, W.B., see Hillard, C.J. (1257) 249  
Chen, F.-S., see Yen, C.F. (1257) 47  
Cohen-Solal, C., Parquet, M., Férézou, J., Sérougne, C. and Lutton, C.  
Effects of hyodeoxycholic acid and  $\alpha$ -hyocholic acid, two 6 $\alpha$ -hydroxylated bile acids, on cholesterol and bile acid metabolism in the hamster (1257) 189  
Cole, G.T., see Mirbod, F. (1257) 181  
Cook, G.A., see Kashfi, K. (1257) 133  
Creech, R.G., see Ma, D.-P. (1257) 81
- Dabach, Y., see Stein, O. (1257) 174  
Davidson, N.O., see Nassir, F. (1257) 125  
Dawson, P.A., see Oelkers, P. (1257) 199  
De Boland, A.R., Morelli, S. and Boland, R.  
1,25(OH)<sub>2</sub>-Vitamin D-3 stimulates phospholipase A<sub>2</sub> activity via a guanine nucleotide-binding protein in chick myoblasts (1257) 274  
De Haas, G.H., Dijkman, R., Boots, J.-W.P. and Verheij, H.M.  
Competitive inhibition of lipolytic enzymes. XI. Estimation of the interfacial dissociation constants of porcine pancreatic phospholipase A<sub>2</sub> for substrate and inhibitor in the absence of detergents (1257) 87  
Desportes, P., see Marzo, I. (1257) 140  
Dijkman, R., see De Haas, G.H. (1257) 87  
Douchet, I., see Gargouri, Y. (1257) 223  
Dubois, C., see Rampini, C. (1257) 75
- Eccleston, V.S. and Harwood, J.L.  
Solubilisation, partial purification and properties of acyl-CoA: glycerol-3-phosphate acyltransferase from avocado (*Persea americana*) fruit mesocarp (1257) 1  
Edgmond, W.S., see Hillard, C.J. (1257) 249  
Eneroth, P., see Barbieri, B. (1257) 157  
Ettelaie, C., Howell, R.M. and Bruckdorfer, K.R.  
The effect of lipid peroxidation and lipolysis on the ability of lipoproteins to influence thromboplastin activity (1257) 25
- Férézou, J., see Cohen-Solal, C. (1257) 189  
Frei, B., see Retsky, K.L. (1257) 279
- Gargouri, Y., Bensalah, A., Douchet, I. and Verger, R.  
Kinetic behaviour of pancreatic lipase in five species using emulsions and monomolecular films of synthetic glycerides (1257) 223  
Ghannoum, M.A., see Mirbod, F. (1257) 181  
Giannoni, F., see Nassir, F. (1257) 125  
Gitlesen, T., see Ncube, I. (1257) 149  
Greenspan, P., Ryu, B.-H., Mao, F. and Gutman, R.L.  
Association of negatively-charged phospholipids with low-density lipoprotein (LDL) increases its uptake and the deposition of cholesteryl esters by macrophages (1257) 257  
Gruner, S.M., see Österberg, F. (1257) 18  
Gueux, E., see Nassir, F. (1257) 125  
Gutman, R.L., see Greenspan, P. (1257) 257
- Haeggström, J.Z., see Macchia, L. (1257) 58  
Hamberg, M., see Macchia, L. (1257) 58  
Hara, S., Kudo, I., Komatani, T., Takahashi, K., Nakatani, Y., Natori, Y., Ohshima, M. and Inoue, K.  
Detection and purification of two 14 kDa phospholipase A<sub>2</sub> isoforms in rat kidney: their role in eicosanoid synthesis (1257) 11  
Harwood, J.L., see Eccleston, V.S. (1257) 1  
Hillard, C.J., Wilkison, D.M., Edgmond, W.S. and Campbell, W.B.  
Characterization of the kinetics and distribution of *N*-arachidonylethanolamine (anandamide) hydrolysis by rat brain (1257) 249  
Hiraike, N., Sohma, H., Kuroki, Y. and Akino, T.  
Epitope mapping for monoclonal antibody against human surfactant protein A (SP-A) that alters receptor binding of SP-A and the SP-A-dependent regulation of phospholipid secretion by alveolar type II cells (1257) 214  
Hollander, G., see Stein, O. (1257) 174  
Howell, R.M., see Ettelaie, C. (1257) 25
- Ibrahim, A.S., see Mirbod, F. (1257) 181  
Inoue, K., see Hara, S. (1257) 11  
Inoue, K., see Sato, Y. (1257) 38
- Jacobsen, T. and Poulsen, O.M.  
Comparison of lipases from different strains of the fungus *Geotrichum candidum* (1257) 96  
Jenkins, J.N., see Ma, D.-P. (1257) 81
- Kalunta, C.I., see Yen, C.F. (1257) 47  
Kaptein, J.S., see Yen, C.F. (1257) 47  
Kashfi, K. and Cook, G.A.  
Temperature effects on malonyl-CoA inhibition of carnitine palmitoyltransferase I (1257) 133  
Khotimchenko, S.V., see Krasikova, I.N. (1257) 118  
Kitajima, Y., see Mirbod, F. (1257) 181  
Komatani, T., see Hara, S. (1257) 11  
Kominami, S., see Yamazaki, T. (1257) 293  
Kramer, W.  
Identification of the bile acid binding proteins in human serum by photoaffinity labeling (1257) 230

- Krasikova, I.N., Khotimchenko, S.V., Solov'eva, T.F. and Ovodov, Y.S.  
Mutual influence of plasmid profile and growth temperature on the lipid composition of *Yersinia pseudotuberculosis* bacteria (1257) 118
- Kudo, I., see Hara, S. (1257) 11
- Kuiper, J., see Voorschuur, A.H. (1257) 288
- Kumlin, M., see Macchia, L. (1257) 58
- Kuroki, Y., see Hiraike, N. (1257) 214
- Lad, P.M., see Yen, C.F. (1257) 47
- Le Petit-Thevenin, J., Nobili, O., Vérine, A. and Boyer, J.  
Differential in vitro effects of ethanol on glycerolipid acylation and biosynthesis in rat reticulocytes (1257) 103
- Le Petit-Thevenin, J., Nobili, O., Vérine, A., Somma-Delpéro, C. and Boyer, J.  
Reversible inhibition by ethanol of  $Mg^{2+}$ -dependent phosphatidate phosphohydrolase: an in vitro study in the rat reticulocyte (1257) 111
- Liang, H.-Q., Rye, K.-A. and Barter, P.J.  
Cycling of apolipoprotein A-I between lipid-associated and lipid-free pools (1257) 31
- Lin, C.-K.E., see Yen, C.F. (1257) 47
- Lindblom, G., see Österberg, F. (1257) 18
- Lutton, C., see Cohen-Solal, C. (1257) 189
- Ma, D.-P., Tan, H., Si, Y., Creech, R.G. and Jenkins, J.N.  
Differential expression of a lipid transfer protein gene in cotton fiber (1257) 81
- Macchia, L., Hamberg, M., Kumlin, M., Butterfield, J.H. and Haeggström, J.Z.  
Arachidonic acid metabolism in the human mast cell line HMC-1: 5-lipoxygenase gene expression and biosynthesis of thromboxane (1257) 58
- Mao, F., see Greenspan, P. (1257) 257
- Martínez-Lorenzo, M.J., see Marzo, I. (1257) 140
- Marzo, I., Martínez-Lorenzo, M.J., Anel, A., Desportes, P., Alava, M.A., Naval, J. and Piñeiro, A.  
Biosynthesis of unsaturated fatty acids in the main cell lineages of human leukemia and lymphoma (1257) 140
- Mattiasson, B., see Ncube, I. (1257) 149
- Mazur, A., see Nassir, F. (1257) 125
- McIlhinney, R.A.J., see Schmidt, M.F.G. (1257) 205
- Mimura, K., see Sato, Y. (1257) 38
- Mirbod, F., Banno, Y., Ghannoum, M.A., Ibrahim, A.S., Nakashima, S., Kitajima, Y., Cole, G.T. and Nozawa, Y.  
Purification and characterization of lysophospholipase-transacylase (h-LPTA) from a highly virulent strain of *Candida albicans* (1257) 181
- Morelli, S., see De Boland, A.R. (1257) 274
- Murakami-Murofushi, K., see Sato, Y. (1257) 38
- Nakashima, S., see Mirbod, F. (1257) 181
- Nakatani, Y., see Hara, S. (1257) 11
- Nassir, F., Mazur, A., Giannoni, F., Gueux, E., Davidson, N.O. and Rayssiguier, Y.  
Magnesium deficiency modulates hepatic lipogenesis and apolipoprotein gene expression in the rat (1257) 125
- Natori, Y., see Hara, S. (1257) 11
- Naval, J., see Marzo, I. (1257) 140
- Ncube, I., Gitlesen, T., Adlercreutz, P., Read, J.S. and Mattiasson, B.  
Fatty acid selectivity of a lipase purified from *Vernonia galamensis* seed (1257) 149
- Nishida, N., see Yamazaki, T. (1257) 293
- Nishikawa, K., see Sato, Y. (1257) 38
- Nobili, O., see Le Petit-Thevenin, J. (1257) 103
- Nobili, O., see Le Petit-Thevenin, J. (1257) 111
- Nozawa, Y., see Mirbod, F. (1257) 181
- Oelkers, P. and Dawson, P.A.  
Cloning and chromosomal localization of the human ileal lipid-binding protein (1257) 199
- Oette, K., see Stein, O. (1257) 174
- Ohshima, M., see Hara, S. (1257) 11
- Olding, L.B., see Barbieri, B. (1257) 157
- Opperdoes, F.R., see Zomer, A.W.M. (1257) 167
- Österberg, F., Rilfors, L., Wieslander, Å., Lindblom, G. and Gruner, S.M.  
Lipid extracts from membranes of *Acholeplasma laidlawii* A grown with different fatty acids have a nearly constant spontaneous curvature (1257) 18
- Ovodov, Y.S., see Krasikova, I.N. (1257) 118
- Pacuszka, T. and Panasiewicz, M.  
Photochemical labeling of human erythrocyte membranes with radioiodinatable azidosalicylic acid derivative of globoside (1257) 265
- Panasiewicz, M., see Pacuszka, T. (1257) 265
- Papadogiannakis, N., see Barbieri, B. (1257) 157
- Parquet, M., see Cohen-Solal, C. (1257) 189
- Piñeiro, A., see Marzo, I. (1257) 140
- Poulsen, O.M., see Jacobsen, T. (1257) 96
- Rampini, C. and Dubois, C.  
Stimulation of phosphatidylethanolamine synthesis during the last stages of the G1 phase in concanavalin A-activated human peripheral lymphocytes (1257) 75
- Rayssiguier, Y., see Nassir, F. (1257) 125
- Read, J.S., see Ncube, I. (1257) 149
- Rees, G.D., Robinson, B.H. and Stephenson, G.R.  
Macrocyclic lactone synthesis by lipases in water-in-oil microemulsions (1257) 239
- Retsky, K.L. and Frei, B.  
Vitamin C prevents metal ion-dependent initiation and propagation of lipid peroxidation in human low-density lipoprotein (1257) 279
- Rilfors, L., see Österberg, F. (1257) 18
- Robinson, B.H., see Rees, G.D. (1257) 239
- Rye, K.-A., see Liang, H.-Q. (1257) 31
- Ryu, B.-H., see Greenspan, P. (1257) 257
- Sato, Y., Nishikawa, K., Aikawa, K., Mimura, K., Murakami-Murofushi, K., Arai, H. and Inoue, K.  
Side-chain structure is critical for the transport of sterols from lysosomes to cytoplasm (1257) 38
- Schmidt, M.F.G., McIlhinney, R.A.J. and Burns, G.R.  
Palmitoylation of endogenous and viral acceptor proteins by fatty acyltransferase (PAT) present in erythrocyte ghosts and in placental membranes (1257) 205
- Sérougne, C., see Cohen-Solal, C. (1257) 189
- Si, Y., see Ma, D.-P. (1257) 81
- Sohma, H., see Hiraike, N. (1257) 214
- Solov'eva, T.F., see Krasikova, I.N. (1257) 118
- Somma-Delpéro, C., see Le Petit-Thevenin, J. (1257) 111
- Stein, O., Dabach, Y., Hollander, G., Ben-Naim, M., Oette, K. and Stein, Y.  
Effects of interactions of apolipoprotein A-II with apolipoproteins A-I or A-IV on [ $^3H$ ]cholesterol efflux and uptake in cell culture (1257) 174
- Stein, Y., see Stein, O. (1257) 174
- Stephenson, G.R., see Rees, G.D. (1257) 239
- Takahashi, K., see Hara, S. (1257) 11
- Takemori, S., see Yamazaki, T. (1257) 293
- Tan, H., see Ma, D.-P. (1257) 81
- Van Berkel, T.J.C., see Voorschuur, A.H. (1257) 288
- Van den Bosch, H., see Zomer, A.W.M. (1257) 167
- Van Noort, W.L., see Voorschuur, A.H. (1257) 288

- Verger, R., see Gargouri, Y. (1257) 223
- Verheij, H.M., see De Haas, G.H. (1257) 87
- Vérine, A., see Le Petit-Thevenin, J. (1257) 103
- Vérine, A., see Le Petit-Thevenin, J. (1257) 111
- Voorschuur, A.H., Kuiper, J., Van Noort, W.L. and Van Berkel, T.J.C.  
Zonal distribution of receptor binding of trypsin-activated  $\alpha_2$ -macroglobulin,  $\alpha_2$ -macroglobulin receptor-associated protein, lactoferrin and transferrin on rat liver parenchymal cells (1257) 288
- Wieslander, Å., see Österberg, F. (1257) 18
- Wilkison, D.M., see Hillard, C.J. (1257) 249
- Yamazaki, T., Kominami, S., Nishida, N. and Takemori, S.  
Incorporation of bovine adrenal  $3\beta$ -hydroxy-5-ene steroid dehydrogenase/ $\Delta^5$ - $\Delta^4$  isomerase into phospholipid vesicles (1257) 293
- Yen, C.F., Kalunta, C.I., Chen, F.-S., Kaptein, J.S., Lin, C.-K.E. and Lad, P.M.  
Regulation of low-density lipoprotein receptors and assessment of their functional role in Burkitt's Lymphoma cells (1257) 47
- Zomer, A.W.M., Opperdoes, F.R. and Van den Bosch, H.  
Alkyl dihydroxyacetone phosphate synthase in glycosomes of *Trypanosoma brucei* (1257) 167

